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List of Acronyms

AHPA	Archaeological and Historic Preservation Act
ALIS	Automated Land Information Systems
AQRV	Air quality-related values
APE	Area of potential effect
ARPA	Archeological Resources Protection Act
BIBI	Benthic Index of Biotic Integrity
BMPs	Best management practices
CAA	Clean Air Act
CEQ	Council on Environmental Quality
cfs	Cubic feet per second
CO	Carbon monoxide
CO_2	Carbon dioxide
CWA	Clean Water Act
CWIS	Cooling water intake structures
DBP	Disinfection by-product
DEIS	Draft Environmental Impact Statement
DO	Dissolved oxygen
DOM	Dissolved organic matter
EA	Environmental Assessment
EIS	Environmental Impact Statement
ELCP	Emergency Load Curtailment Plan
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FPPA	Farmland Protection and Policy Act
GDP	Gross domestic product
GIS	Geographic Information System
GRP	Gross regional product
ha	Hectares
HAP	Hazardous air pollutant
HMOD Program	Hydro Modernization Program
HPA	Habitat protection area
IAT	Interagency Team
IAT/PRG	Interagency Team and Public Review Group
IBI	Index of Biotic Integrity
IBT	Inter-basin transfer
IDF	Inflow design flood
LMP	Land Management Plan

List of Acronyms (continued)

LOLP	Loss of load probability
m	Meter
Mg/L	Milligrams per liter
mgd	Million gallons per day
MOG	Minimum operations guide
MPF	Maximum probable flood
MW	MegaWatt
NAAQS	National ambient air quality standards
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Council
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NO_2	Nitrogen dioxide
NOM	Natural organic material
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NWR	National wildlife refuge
NWS	National Weather Service
O_3	Ozone
Pb	Lead
PCB	Polychlorinated biphenyl
PI	Personal income
$PM_{2.5}$	Particulate matter whose particles are # 2.5 micrometers
PM_{10}	Particulate matter whose particles are # 10 micrometers
PMF	Probable maximum flood
PPS	Population Protection Planning Site
PRG	Public Review Group
RED	Regional Economic Development
REITS	Real estate investment trusts
REMI	Regional Economic Model, Inc
RFAI	Reservoir Fisheries Assemblage Index
ROS	Reservoir Operations Study
RRI Program	Reservoir Release Improvements Program
RTS	Reservoir-triggered seismicity
SAHI	Shoreline Aquatic Habitat Index

List of Acronyms (continued)

SAMI	Southern Appalachian Mountains Initiative
SERC	Southeastern Electric Reliability Council
SFI	Sport Fish Index
SFRA	Southern Forest Resource Assessment
SIP	State implementation plan
SMP	Shoreline Management Policy
SMS	Scenery Management System
SO_2	Sulfur dioxide
TDEC	Tennessee Department of Environment and Conservation
The Board	TVA Board of Directors
Valley	Tennessee River Valley
TMDL	Total maximum daily loads
TOC	Total organic carbon
TRM	Tennessee River Mile
TVA	Tennessee Valley Authority
TWRA	Tennessee Wildlife Resources Agency
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile organic compound
WMA	Wildlife management area
WSM	Weekly Scheduling Model

Metric Conversion Chart

Metric to U.S. Customary

Multiply	By	To Obtain
Millimeters (mm)	0.03937	Inches
Centimeters (cm)	0.3937	Inches
Meters (m)	3.281	Feet
Kilometers (km)	0.6214	Miles
Square meters (m^2)	10.76	Square feet
Square kilometers (km^2)	0.3861	Square miles
Hectares (ha)	2.471	Acres
Liters (l)	0.2642	Gallons
Cubic meters (m^3)	35.31	Cubic feet
Cubic meters	0.0008110	Acre-feet
Milligrams (mg)	0.00003527	Ounces
Grams (g)	0.03527	Ounces
Kilograms (kg)	2.205	Pounds
Metric tons (t)	2205.0	Pounds
Metric tons	1.102	Short tons
Kilocalories (kcal)	3.968	BTU
Celsius degrees	1.8($^{\circ}$C) +32	Fahrenheit degrees

U.S. Customary to Metric

Multiply	By	To Obtain
Inches	25.40	Millimeters
Inches	2.54	Centimeters
Feet (ft)	0.3048	Meters
Fathoms	1.829	Meters
Miles (mi)	1.609	Kilometers
Nautical miles (nmi)	1.852	Kilometers
Square feet (ft^2)	0.0929	Square meters
Acres	0.4047	Hectares
Square miles (mi^2)	2.590	Square kilometers
Gallons (gal)	3.785	Liters
Cubic feet (ft^3)	0.02831	Cubic meters
Acre-feet	1233.0	Cubic meters
Ounces (oz)	28.35	Grams
Pounds (lb)	0.4536	Kilograms
Short tons (ton)	0.9072	Metric tons
British thermal units (BTU)	0.2520	Kilocalories
Fahrenheit degrees	0.5556 ($^{\circ}$F –32)	Celsius degrees